

Mini DisplayPort to HDMI Adapter - Active mDP to HDMI Video Converter - 4K 30Hz - Mini DP or Thunderbolt 1/2 Mac/PC to HDMI Monitor/TV/Display - mDP 1.2 to HDMI Adapter Dongle - White

**Product ID:** MDP2HD4KSW



The MDP2HD4KSW Mini DisplayPort to HDMI adapter enables you to connect devices such as the MacBook Pro, MacBook Air and any Microsoft Surface Pro devices with mDP, to an HDMI display. This adapter is compatible with Mini DisplayPort 1.2 & HDMI 4K @ 30 Hz and as a result can support video resolutions up to Ultra HD (4K) as well as the accompanying digital audio up to 7.1 channel surround sound.

With support for Ultra HD (4K) the mDP to HDMI adapter ensures you can convert Mini DisplayPort to HDMI while maintaining an astonishing picture quality four times the resolution of high-definition 1080p. The adapter is also backward compatible with previous DisplayPort revisions 1.0/1.1 with support for resolutions up to 1080p.

For a hassle-free setup the Mini DisplayPort to HDMI adapter allows for plug-and-play installation without any additional software or drivers. Plus, with a small footprint and lightweight design, the adapter maximizes portability.

To ensure compatibility with any Mini DisplayPort output the mDP adapter offers an active conversion. Active video conversion is required to maintain 4K resolutions when converting Mini DisplayPort to HDMI. An active mDP adapter is also ideal for outputting 1080p resolutions by ensuring compatibility with graphics cards that are not capable of outputting multi-mode DP++ signals (e.g. ATI Eyefinity).

To support your Mac the HDMI converter is compatible with Intel Thunderbolt devices that output a DisplayPort video signal.

With a sleek uniform white design the MDP2HD4KSW looks great next to your Mac, and is backed by a 3-year StarTech.com warranty, and lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Connect your 4K HDMI display to a Mini DisplayPort output port
- Carry with your laptop for BYOD office applications
- Use an HDMI display as a secondary monitor for your Mini DisplayPort computer
- Use your Thunderbolt port to connect your MacBook Pro / MacBook Air to an HDMI Display

## Features

- **PRODUCT PERFORMANCE:** Mini DisplayPort 1.2 to HDMI 1.4 adapter connects your mDP host to a HDMI display Supports Ultra HD (UHD) 4K 30Hz (3840x2160) & 1920x1200 (1080p) video, 7.1ch Audio, HDCP 1.4, DPCP 5.9" (15cm) attached cable
- **HOST COMPATIBILITY:** Active Mini DP to HDMI adapter supports mDP/mDP++ source including Thunderbolt 1 & 2 MacBooks, MacBook Air & Mac Mini, Microsoft Surface Pro 1-6, desktops (AMD FirePro/NVidia Quadro), laptops, mini itx computers, Intel NUC & docks
- **INCREASE PRODUCTIVITY:** Mini DisplayPort to HDMI display adapter connects an HDMI monitor, TV or projector, or add a second display to your workstation; Compact, small form factor design makes it easy to carry between home office and office
- **RELIABLE CONNECTION:** MiniDisplayPort to HDMI video converter is designed with nickel-plated connectors to ensure enhanced signal quality Tested with HDMI cables up to 50ft (15m)
- **EASY TO USE:** With no software or drivers required, the mDP to HDMI adapter dongle works with any OS including macOS, Windows & Ubuntu; Compatible with MiniDP devices like Microsoft Surface PCs or TB1/TB2 MacBooks

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## Hardware

|                           |                                       |
|---------------------------|---------------------------------------|
| Warranty                  | 3 Years                               |
| Active or Passive Adapter | Active                                |
| AV Input                  | Mini DisplayPort - 1.2                |
| Ports                     | 1                                     |
| AV Output                 | HDMI - 1.4                            |
| Audio                     | Yes                                   |
| Industry Standards        | DPCP (DisplayPort Content Protection) |

HDCP (High Definition Content Protection)

DisplayPort 1.2

HDMI 1.4

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## Performance

|                                   |   |
|-----------------------------------|---|
| Maximum Cable Distance To Display | 49.9 ft [15.2 m]  |
| Maximum Digital Resolutions       | 4K x 2K @ 30 Hz   |
| Supported Resolutions             | 4k x 2K (Ultra HD)<br>1920x1200<br>1920x1080 (1080p)<br>1280x720 (720p) |
| Wide Screen Supported             | Yes   |
| Audio Specifications              | HDMI - 7.1 Channel Audio  |

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## Connector(s)

|             |                               |
|-------------|-------------------------------|
| Connector A | 1 - Mini-DisplayPort (20 pin) |
| Connector B | 1 - HDMI (19 pin)             |

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## Environmental

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 70C (32F to 158F)   |
| Storage Temperature   | -10C to 80C (14F to 176F) |
| Humidity              | 10%-85%                   |

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## Physical Characteristics

|                   |                  |
|-------------------|------------------|
| Color             | White            |
| Cable Length      | 5.9 in [150 mm]  |
| Product Length    | 5.9 in [15.0 cm] |
| Product Width     | 1.1 in [2.7 cm]  |
| Product Height    | 0.5 in [1.3 cm]  |
| Weight of Product | 0.6 oz [16.0 g]  |

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**Packaging Information**

|                           |                  |
|---------------------------|------------------|
| Package Quantity          | 1                |
| Package Length            | 5.2 in [13.2 cm] |
| Package Width             | 4.8 in [12.2 cm] |
| Package Height            | 0.5 in [1.3 cm]  |
| Shipping (Package) Weight | 0.8 oz [24.0 g]  |

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**What's in the Box**

|                     |   |
|---------------------|---|
| Included in Package | 1 - Mini-DisplayPort to HDMI Active Adapter |
|---------------------|---|

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**Warranty Information**

|          |         |
|----------|---------|
| Warranty | 3 Years |
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***\*Product appearance and specifications are subject to change without notice.***